lessen curse of dimensionality). Pactor Mode! Estatent/unobserved/hidden, & is Issume  $X = w + \hat{\epsilon}$  with ECE. (V= drag matrix), Cov(E, F)=1 So under these assumptions Cov(Xi, Xi) = Cov( & Wik Fx + Ei, & Will Fe+Ei, Cor ( Ewik Fx & Wie Fe) and to are correlated when they load on

Var(x)= Var(n++)= wwT+4

Prop exp pxp know 4, then Var(X) - 4 = wwT www is symmetric and positive definite pick number of (like with gree plot, and look at eigen Values distribution for \$\frac{1}{2}, we can get a distribution for \$\fra mate accuracy